

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|------------------|
| L1 | 1558 | (424/422).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/18 09:35 |
| L2 | 121 | 1 and ((neuron or neuronal or neurite or axon or axonal or nerve) same (regeneration or repair or regenerate or synapse or connect or grow)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 09:39 |
| L3 | 0 | 2 and (micro near (chip or pattern or implant or synapse or wafer or plate)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 09:39 |
| L4 | 17033 | ((neuron or neuronal or neurite or axon or axonal or nerve) same (device or chip or implant or plate)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 09:41 |
| L5 | 7773 | ((neuron or neuronal or neurite or axon or axonal or nerve) same (device or chip or implant or plate)) and (well or reservoir or resevoir or cache or pool or source) and (aperature or window or opening or hole or portal or portale) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 09:42 |
| L6 | 3821 | ((neuron or neuronal or neurite or axon or axonal or nerve) same (device or chip or implant or plate)) and (well or reservoir or resevoir or cache or pool or source) and (aperature or window or opening or hole or portal or portale) and ("flow regulator" or pump or channel) and (fluid or liquid or neurotransmitter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 09:43 |
| L8 | 396 | ((neuron or neuronal or neurite or axon or axonal or nerve) same (device or chip or implant or plate)) and ((well or reservoir or resevoir or cache or pool or source) same (aperature or window or opening or hole or portal or portale) same ("flow regulator" or pump or channel) and (fluid or liquid or neurotransmitter)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 09:43 |

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| L9 | 192 | ((neuron or neuronal or neurite or axon or axonal or nerve) same (device or chip or implant or plate)) and ((well or reservoir or resevoir or cache or pool or source) same (aperature or window or opening or hole or portal or portale) same ("flow regulator" or pump or channel) same (fluid or liquid or neurotransmitter)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 09:44 |
| L10 | 95 | 9 and implant\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 09:46 |
| L11 | 60 | 10 and (microchip or microplate or micropattern or microdevice or micro) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 09:45 |
| L12 | 41 | 9 and (implant\$4 same (microchip or chip or microplate or plate or micropattern or micro)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 09:47 |
| L13 | 30 | 9 and (implant\$4 same (microchip or chip or microplate or plate or micropattern or micro)) and cell | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 09:47 |
| S1 | 4 | ((("5962027") or ("6045791"))).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/18 08:11 |
| S19 | 8 | S18 and (neurite or axon or cell adj process) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 13:07 |
| S26 | 131 | ("silicon wafer" "silicon chip") and (micropattern or "microcontact printing stamp" or "micropatterning" "microstamping" "microstamped" "microcontact" "microprinted") and (implant or implanted or implantable or "in vivo") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 13:25 |
| S43 | 2 | "200181552" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 13:09 |

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| S44 | 0 | "199822819" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 13:09 |
| S45 | 129 | "22819" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 13:09 |
| S46 | 190 | 623/4.1.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 13:24 |
| S47 | 8 | S46 and (neurite or axon or cell adj process) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 13:24 |
| S48 | 473 | silicon and (micropattern or "microcontact printing stamp" or "micropatterning" "microstamping" "microstamped" "microcontact" "microprinted") and (implant or implanted or implantable or "in vivo") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 13:31 |
| S49 | 144 | ("silicon wafer" "silicon chip") and (micropattern or "microcontact printing stamp" or "micropatterning" "microstamping" "microstamped" "microcontact" "microprinted") and (implant or implanted or implantable or "in vivo") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 13:26 |
| S50 | 267 | (S48 or S49) and (aperture or opening or window) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 13:25 |
| S51 | 125 | Implant\$4 same (aperture or opening or open or window or hole or well or reservoir) same (microchip or micropattern or microwell) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 13:27 |
| S52 | 4 | Implant\$4 same (aperture or opening or open or window or hole or well or reservoir) same (microchip or micropattern or microwell) and (cell adj process or neuron or neurite or axon or axonal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 13:27 |

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| S53 | 15373 | "age related macular degeneration" "age-related macular degeneration" "AMD" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 13:27 |
| S54 | 1500 | S53 and vision | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 13:27 |
| S55 | 9 | S54 and implant\$ and (neural near5 prosthesis) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 13:27 |
| S56 | 8 | silicon same (micropattern or "microcontact printing stamp". or "micropatterning" "microstamping" "microstamped" "microcontact" "microprinted") same (implant or implanted or implantable or "in vivo") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 13:32 |
| S57 | 653 | (microchip or microimplant or microsynapse) same (opitcal or optic or retinal or retina or eye or eyes or vision or eyeball) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 13:33 |
| S58 | 41 | (microchip or microimplant or microsynapse) same (opitcal or optic or retinal or retina or eye or eyes or vision or eyeball) same implant\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 13:33 |
| S59 | 38 | (microchip or microimplant or microsynapse) same (opitcal or optic or retinal or retina or eye or eyes or vision or eyeball) same implant\$ and (well or microwell or reservoir or resevoir or microreservoir or microresevoir or pool or micropool) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 13:38 |
| S60 | 11 | (microchip or microimplant or microsynapse) same (opitcal or optic or retinal or retina or eye or eyes or vision or eyeball) same implant\$ and (well or microwell or reservoir or resevoir or microreservoir or microresevoir or pool or micropool) and (nerve or neuron or neural or neronal or neuronal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/17 13:39 |

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| S61 | 552 | (424/427).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/18 08:11 |
| S62 | 271 | (424/428).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/18 08:11 |
| S63 | 712 | S61 or S62 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 08:12 |
| S64 | 0 | S63 and (micropattern or micropatterned or (micro near pattern\$2) or microprint or microprinted or (micro near print\$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 08:13 |
| S65 | 180 | S63 and (nerve or neuron or neural or neurite or axonal or axon) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 08:13 |
| S66 | 28 | S63 and neurotransmit\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 08:13 |
| S67 | 8 | (S65 or S66) and (microplate or chip or microchip) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 08:15 |
| S68 | 13 | fishman.in. and implant | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 08:15 |